

Title (en)  
Laryngeal mask with gastric-drainage feature

Title (de)  
Kehlkopfmaske mit Magendrainagevorrichtung

Title (fr)  
Masque laryngien avec dispositif de drainage gastrique

Publication  
**EP 0796631 A3 19980506 (EN)**

Application  
**EP 97301875 A 19970320**

Priority  
GB 9606012 A 19960322

Abstract (en)  
[origin: US5632271A] A laryngeal-mask airway device has additional provision for extraction of gastric discharges while the mask seals the airway to the laryngeal inlet. A single elongate flexible small-bore drainage tube is so bonded to the posterior curvature of an elongate flexible airway as to enhance torsional stiffness in the combined airway tube and drainage tube. The airway tube has a customary fit to the air inlet of the domed backing plate of the mask, and a generally elliptical inflatable ring around the backing plate and lumen of the mask is configured to establish a continuous peripherally sealed engagement to the laryngeal inlet. The elongate flexible drainage tube has sealed entry into the distal end of the inflatable ring, distally traversing the same with sealed distal exit from the distal end of the inflatable ring. The distal end of the inflatable ring is so configured that, despite drainage-tube passage within and through the distal end of the inflatable ring, the inflatable capacity of the distal end of the inflatable ring remains substantially the same as for the full peripheral course of the inflatable ring.

IPC 1-7  
**A61M 16/04**

IPC 8 full level  
**A61M 16/04** (2006.01)

CPC (source: EP US)  
**A61M 16/04** (2013.01 - EP US); **A61M 16/0409** (2014.02 - EP US); **A61M 16/0415** (2014.02 - EP US); **A61M 16/0486** (2014.02 - EP US)

Citation (search report)  
• [AD] US 5355879 A 19941018 - BRAIN ARCHIBALD I J [GB]  
• [AD] US 5241956 A 19930907 - BRAIN ARCHIBALD I J [GB]  
• [E] WO 9712640 A1 19970410 - BRAIN ARCHIBALD IAN JEREMY [GB]

Cited by  
US7156100B1; US6439232B1; AU2008230027B2; AU2009200828B2; GB2332493A; GB2332493B; GB2323292A; GB2323292B; US7004169B2; US6918388B2; US7134431B2; US10576229B2; US9662465B2; US7305985B2; US9694150B2; US6705318B1; US7097802B2; US9974912B2; US7128071B2; US7159589B2; US7896007B2; US10126197B2; US6792948B2; US9027559B2; US10576230B2; US9675772B2; US10549054B2; US10806327B2; US10842962B2

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